

Receiving Report

Date: 13/12/19
 Supplier: THYMEGEN

Batch No: M125719
 Dart P/O: 22068

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No N/A
 Shipment Complete: Yes No N/A
 QC6 Inspection OK 13/12/18 N/A
 Work Order N/A

Discrepancies

Part Number	Description	Quantity ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin:

Date 13/12/19

Received/Costing

Initial Z

Location

Purchase Order Receipt Listing

Monday, December 09, 2013 6:58:38 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO22068 Receipt Dates from 12/9/2013 to 12/9/2013
All Item ID/GL/WOS All Rec. Employees All Currencies

Grouped by Vendor ID

Total Received Quantity:	24.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$555.54
Total Balance Due Quantity:	0.0000

B I L L O F L A D I N G

No: PEC 853932
Ship Date 05Dec13 at 14:37 From PFW

Probill

Via VIM TRANSFER

FOB CONCORD

Frt PREPAID

Route 0-0 Manifest

Vhcle Trailer

Slip STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship From:
THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

① Ship To: (1)
DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-626267- 1 Your PO # 22068
Part # PLATE AMS 5604 Rel #

STAINLESS STEEL PLATE 17-4 STAINLESS

.250" THICK X 4.0000" X 144.0000"

Heat Number Tag No
840237 580601

	Quantity	PCS	MTR	Wt LBS
	8.00 SFT	2		88
TOTAL:		Tags 1	PCS 2	LBS 88

ADD ON TO 625758 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 BDL GW. 105 LBS

CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA CONCORD, ONT. *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

Page: 1Continued

ALLUMINIUM • LAITON CONCRETE PLASTIQUE • ACIER INOX
ALUMINUM • BRASS CONCRETE PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANTISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

13/12/09

B I L L O F L A D I N G

No: PEC 853932
Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033
Ship Date 05Dec13 at 14:37 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0-0 Manifest
Vhicle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCandise MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



Certificate of Test

Stephen Wolff

Stephen Wolff - Director, Corporate Quality Assurance

From: ThyssenKrupp

Cust. THYSSENKRUPP MATERIALS NA

Cstar

Wgt.: 88 LB

500 Green Street
Washington, PA 15301

Mill Information

Cert Number 0119502-00
Sales Order 50-063-199
Cert Date Aug-01-2013

Customer Information

Name COPPER & BRASS SALES
PO 5400187698-R04
PO Date Jun-17-2013

Sold COPPER & BRASS SALES
to: DIV THYSSENKRUPP MTRLS NA INC
PO BOX 5116
SOUTHFIELD, MI 48086

Ship COPPER & BRASS ELKHART
to: 1015 SAINT JEROME ST
MISHAWAKA, IN 46544

Material Information

"ATI 17-4" PRECIPITATION HARDENABLE STAINLESS STEEL
PMP HOT ROLLED PLATE ANNEALED PICKLED COMMERCIAL CUT EDGE

ASTM-A-693-06 CND A/H900
AMS 5604G CND A/H900

ASME-SA-693-10 CND A/H900
UNS S17400

Piece Information

	Gauge	Width	Length	Heat #	Piece ID	Section Id	Lot #	Total Wt
Pcs	(in)	(in)	(in)	Heat #	Govt-Contract-#: ScheduleB:	Govt-DO-Rating:		
Item: 001	Cust-Id: SSFLR00532							
	Cust-Job:							
1	.2500	48.0000	144.0000	840237	AB14175-0001	---	425672	536
1	.2500	48.0000	144.0000	840237	AB14175-0002	---	425672	536
1	.2500	48.0000	144.0000	840237	AB14176-0001	---	425672	536
1	.2500	48.0000	144.0000	840237	AB14176-0002	---	425672	536
1	.2500	48.0000	144.0000	840237	AB14178-0001	---	425672	536
1	.2500	48.0000	144.0000	840237	AB14178-0002	---	425672	536

Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	840237	Loc
C	---	.07	.04	BN
MN	---	1.00	.50	BN
P	---	.040	.023	BN
S	---	.030	< .001	BN
SI	---	1.00	.19	BN
CR	15.00	17.50	15.35	BN
NI	3.00	5.00	4.73	BN
MO	---	.50	.20	BN
CU	3.00	5.00	3.24	BN
CB	.15	.45	.24	BN
TA	---	---	.010	TC

OK 13/2/18

Wgt.: 88 LB
Cstar

From: THYSSENKRUPP Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD
Cstar
Date 12/02/2013



500 Green Street
Washington, PA 15301

Certificate of Test

Stephen Wolff - Director, Corporate Quality Assurance

Mill Information	
Cert Number	0119502-00
Sales Order	50-063-199
Cert Date	Aug-01-2013

Customer Information	
Name	COPPER & BRASS SALES
PO	5400187698-R04
PO Date	Jun-17-2013

Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	840237	Loc
CBT	.15	.45	.25	BN
CBC	5.00	---	5.58	BN

Allegheny Ludlum performs chemical analysis by the following techniques:
C, S by combustion/infrared; N, O, H by inert fusion/thermal conductivity;
Mn, P, Si, Cr, Ni, Mo, Cu, Cb, Co, V, by WDXRF; Pb, Bi, Ag by GFAA;
B by OES; Al and Ti (>=0.10%) by WDXRF, otherwise by OES.

840237 - Material was produced by EF melting with AOD refining.

CBC = Cb / C

CBT = Cb + Ta

Mechanical Testing

		LOT 425672		LOT 425672	
Condition:	ANNEALED		H900		
Direction:	TRANSVERSE		TRANSVERSE		
Temperature:	ROOM TEMP		ROOM TEMP		
Spec:					
Test Limit	Units	Result	Loc	Result	Loc
HARDNESS	---	345. HBW	TC	43.0 HRC	TC
YIELD 0.2%	psi	---	--	196000.	TC
TENSILE	psi	---	--	200000.	TC
ELONGATION	%	---	--	12.	TC
RED OF AREA	%	---	--	47.	TC

OK 13/12/18

When hardness is measured using the Brinell scale, the indentation measuring device is Type A.

"H", "TH", "RH", and other heat treated values are capability test results.

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD
Cstar
Wgt.: 88 LB



Certificate of Test

Stephen Wolff - Director, Corporate Quality Assurance


Customer Information

Mill Information

Cert Number 0119502-00
Sales Order 50-063-199
Cert Date Aug-01-2013

Name COPPER & BRASS SALES
PO 5400187698-R04
PO Date Jun-17-2013

500 Green Street
Washington, PA 15301

Mechanical Property Requirements

Condition:	ANNEALED		H900		
Direction:	TRANSVERSE		TRANSVERSE		
Temperature:	ROOM TEMP		ROOM TEMP		
Spec:					
Test Limit	Units	Min	Max	Min	Max
YIELD 0.2%	psi	---	---	170000.	---
TENSILE	psi	---	---	190000.	---
ELONGATION	%	---	---	8.	---
RED OF AREA	%	---	---	30.	---
HARDNESS	---	---	352. HBW	40. HRC	47. HRC


13/12/18

Metallography - General

Ferrite <= 5% per periodic test requirement.

Certification Statements

Allegheny Ludlum does not use mercury in the testing or production of its products.

Material is of USA melt and manufacture.

No welds/weld repairs performed.

Knowingly and willfully recording any false, fictitious or fraudulent statement or entry on this document may be punished as a felony under Federal Statutes, including Federal Law, Title 18, Chapter 47.

Material is compliant with the European Union Directive 2011/65/EU - Restriction of Hazardous Substances (RoHS2).

DIN EN 10204:2005 3.1 Certificate

General Statements

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS

BN = ATI-ALLEGHENY LUDLUM; 100 River Road; Brackenridge, PA 15014

TC = ATI-ALLEGHENY LUDLUM; 1300 Pacific Avenue; Natrona Heights, PA 15065

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see MSDS for further information which has been supplied to your Purchasing Department. For an additional copy, please refer to our web site at www.atimetals.com/businesses/business-units/ludlum/Pages/msds.aspx.

For access to online certifications of test, please register at www.alcextra.com.

The above is a true copy of the data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Allegheny Ludlum's order acknowledgement. This certificate of Test may not be reproduced except in full without the written authorization of the company.

ATI Allegheny Ludlum's website contains a listing of material produced, general technical and contact information, and current quality and company accreditations including but not limited to ISO-9001, AS-9100, Nadcap, and ISO/IEC 17025. Please visit us at www.alleghenyludlum.com.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22068

Purchase Order Date 11/14/2013

PO Print Date 11/18/2013

Page Number 1 of 1

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Buyer Chantal Lavoie

Ship To Contact
Ship To Phone
Ship Via: Yours ppd
Ship Acct:

Customer POID

10127-2607

Customer Tax #

Net 30

Terms

CAD

Currency

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B0.750X04.000	6061-T6 Bar .750 x 4.00	11/20/2013 Yes 11/20/2013	60.00 f	\$6.66	\$399.60	
2	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	12/11/2013 Yes 12/11/2013	24.00 f	\$24.58	\$590.00	

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQA-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211
OR ASTM B221

Line Total: \$399.60

2	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	12/11/2013 Yes 12/11/2013	24.00 f	\$24.58	\$590.00
---	------------------	-------------------------	---------------------------------	------------	---------	----------

MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643
GRAIN MUST BE ALONG LENGTH OF BAR
MINIMUM YIELD TENSILE STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

✓
12/12/13

Line Total: \$590.00

PO Total: \$989.60

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - YES NO

PST# 6122-5207

CL

Change Nbr: 2 Change Date: 11/18/2013